| Index of   | Claims                   | Applica | atio        | n/Control No. | Applicant(s)/Patent un Reexamination |          |  |  |  |  |  |
|------------|--------------------------|---------|-------------|---------------|--------------------------------------|----------|--|--|--|--|--|
|            |                          | 10/727  | ',36        | 3             | BOTICH ET AL.                        |          |  |  |  |  |  |
|            |                          | Examir  | <del></del> | -             | Art Unit                             |          |  |  |  |  |  |
|            |                          | Mark K  | ( <u>,</u>  | lan           |                                      | 3767     |  |  |  |  |  |
| √ Rejected | _ (Through num Cancelled |         | N           | Non-Elected   | A                                    | Appeal   |  |  |  |  |  |
| = Allowed  | + Restricted             |         | ı           | Interference  | o                                    | Objected |  |  |  |  |  |

| Clai            | im       |           |                 |            |          | Da           | ite          |          |          |          |          | Cla      | aim      |   |             |         | Da      | te      |              |                     | ٦        | Г        | Cla      | im       |         |         |         | Date           | ===             |  |          | ٦        |
|-----------------|----------|-----------|-----------------|------------|----------|--------------|--------------|----------|----------|----------|----------|----------|----------|---|-------------|---------|---------|---------|--------------|---------------------|----------|----------|----------|----------|---------|---------|---------|----------------|-----------------|--|----------|----------|
| T               |          | _         | Ī               | Τ          | Т        | Ť            | Ť            | Т        | Т        | $\neg$   | $\dashv$ |          |          | m   | Т           | $\neg$  | Ť       | Ť       |              |                     | $\dashv$ |          | T        |          | $\neg$  | Т       | Т       |                |                 | $\Box$   | $\top$   | ヿ        |
| Final           | Original | 4/19/05   | 10/31/05        | 7/24/06    |          |              |              |          |          |          |          | Final    | Original |   |             |         |         |         |              |                     |          |          | Final    | Original |         |         |         |                |                 |  |          |          |
| 🖺               | Orić     | 4/1       | 흲               | 127        | !        |              |              |          |          |          |          | iĒ       | Q į      |   |             |         |         |         |              |                     |          | i        | Ī        | o<br>Ž   |         |         |         |                |                 |  |          |          |
| -               |          | -14       |                 |            | ┥        | +            | +            | +        | +        | +        | -        |          | 51       | H   | -+          | +       | +       | +       |              | $\vdash$            | $\dashv$ | -        | $\dashv$ | 101      | +       | +       | +       | $\vdash$       | $\dashv$        | $\dashv$   | +        | $\dashv$ |
| $\vdash$        | Y        | Ξ         | *               | X          | 1        | +            | +            | +        | +        | +        | $\dashv$ |          | 52       | $\vdash$  |             | +       | +       | +       | +            | $\vdash$            | $\dashv$ | $\vdash$ |          | 102      |         | +       | ╁╌      | +              |                 | $\dashv$   | +        | $\dashv$ |
|                 | 3        | +         | 1               | 4          | #        | ╁            | +            | +        | +        | +        | $\dashv$ | $\vdash$ | 53       | $\vdash$  | -+          | -+-     | +       | +       | +            | $\vdash$            | $\dashv$ | $\vdash$ |          | 103      | +       | ┿       | ╁       | +              |                 | $\dashv$   | +        | ᅱ        |
| $\vdash$        |          | +         | ¥               | X          | +-       | ╁            | +            | +        | +        | +        |          | -        | 54       | ╁─┤   | -           | -       | +       | +       | +            | $\vdash$            | $\dashv$ | -        |          | 104      |         | ╁┈      | +       | +              |                 | $\dashv$   | +        | $\dashv$ |
| <del>  </del>   | 4        | H         | H               | H          | +-       | +-           | +            | +        | +        | +        | -        | -        | 55       |   | <del></del> | -       | ┿       | +-      | +-           |                     | $\dashv$ | $\vdash$ | $\dashv$ | 105      | - -     |         | ╁       | <del> </del>   |                 | -+   | +        | $\dashv$ |
| <del> </del>    | 5        | 4         | ₽               | ₩          | +        | ╁            | +            | +        | +        | -        | -        | -        | 56       | +   | $\dashv$    | +       | +       | +-      | -            |                     | $\dashv$ | -        | -        | 106      | +       | +-      | +-      | -              | -               | -+   | +        | $\dashv$ |
| <b></b>         | 62       | H         | ₩               | H          | +        | ╁            | +            | +        | +        | -        | -        | -        |          | ╌┤  | $\dashv$    | +       | +       | +-      |              | ┝                   | ⊣        | -        | -        | 107      | +       |         | ╀       | ┼-             |                 | -+   | +        | $\dashv$ |
| $\vdash$        | 7        | H         | ₩               | H          | +        | ∔            | +            | -        | +        | +        |          | <u> </u> | 57       | <del>  </del>   | -+          | +       | +       | +       | ╁╌           | ┝╌┼                 | -        | -        | $\dashv$ |          | +       | +       | ┼       | ┼─             |                 |  | +        | $\dashv$ |
| $\vdash$        | 8        | 4         | ╁╁              | ╁          | +-       | -            | _            | +        | $\dashv$ | _        | _        |          | 58       |   | -           | +       | +       | +       | +            | ┝╌┼                 | -        | -        |          | 108      | -       | ┿       | +-      | -              | -               |  | +        | $\dashv$ |
|                 | 9        | 4         | H               | ╁┪         | +        | +            | +            | +        | +        | +        | _        | ļ        | 59       | <del>  </del>   | -           | +       | +       | +       | ┼            | <del>  -</del>      | -        | $\vdash$ | $\dashv$ | 109      | _       | +       | ┼-      | ┼              |                 |  | +        | $\dashv$ |
| $\vdash$        | 10       | 4         | 7               | K          | 4        | +            | +            | _        | +        | -        | 4        | <u> </u> | 60       | $\vdash$  | $\dashv$    | +       | +       | +       |              | ┝┼                  | $\dashv$ | $\vdash$ | $\dashv$ | 110      | +       | +-      | +-      | ╀─             | $\vdash$        | $\dashv$   | +        | $\dashv$ |
| $\vdash$        | 11       | 4         | N               |            |          | +-           | $\bot$       | _        | +        | +        | 4        |          | 61       | $\vdash$  | $\dashv$    | +       | +       | +       | -            | <del>  -</del>      | $\dashv$ | <u> </u> | $\dashv$ | 111      | +       | +       | ╄       | +-             | $\vdash$        | $\dashv$   | +        | $\dashv$ |
|                 | 12       | 4         | H               | П          | -        | +            | +            | _        | -        | +        | -        | <u> </u> | 62       |   | -           | -       | -       |         | $\vdash$     | $\vdash \vdash$     | $\dashv$ |          |          | 112      |         | +       | +       | $\vdash$       | Н               |  | +        | $\dashv$ |
| $\vdash$        | 13       | 4         | V               |            | 4        | +            | +            | +        | -        |          | $\dashv$ |          | 63       | $\vdash$  | $\dashv$    | +       | -       | +       | +            | $\vdash$            | $\dashv$ | $\vdash$ |          | 113      | +       | +       | +       | $\vdash$       | Н               | _+   | +        | $\dashv$ |
| $\vdash$        | <u> </u> | 4         | 4               | V          |          | +            | +            | +        | $\dashv$ | _        | 4        |          | 64       | Н   | $\dashv$    | +       | +       | +       | +-           | $\vdash \vdash$     | $\dashv$ | $\vdash$ | _        | 114      | - -     | +       | +       | $\vdash$       | Н               | $\dashv$   | +        | $\dashv$ |
| $\vdash \vdash$ | 15)      | 1         | ¥               |            | ř        | +            | +            | +        | $\dashv$ |          | 4        |          | 65       | Н   | $\dashv$    | +       |         | +       | -            | $\vdash$            | $\dashv$ | $\vdash$ | _        | 115      | -       | +       | +       | $\vdash$       | Н               | <del></del>                                      |          | $\dashv$ |
| $\vdash \vdash$ | 16       | 4         | N               | _          | <u>'</u> | +            | +            | +        | $\dashv$ |          | 4        |          | 66       | $\vdash$  | -           |         | +       | +       |              |                     | 4        | $\vdash$ | _        | 116      |         | +       | +       | $\vdash$       | $\vdash \vdash$ |  | +        | $\dashv$ |
| $\vdash$        | 17       | 1         | ¥               | بد1        | 4        | 1            | +            | +        | $\dashv$ | _        | _        | <u> </u> | 67       | $\perp$   | _           |         | _       | -       | 4            |                     | _        | <br>     | _        | 117      |         | -       | +-      | $\vdash$       | Н               | $\vdash$   |          | -        |
|                 | 18       | Ц         | 4               | Ш          | 4.       | 4            | 4            | 4        | 4        | 4        | _        | <u> </u> | 68       | $\perp$   |             | _       | $\bot$  | -       |              | $\vdash$            | _        | $\vdash$ |          | 118      | _ -     |         | ļ       | _              | Н               |  |          | -        |
| <u> </u>        | 19       | <u> 1</u> | $\Psi$          | $\Box$     | 4.       | 4            | _            | _        | 4        |          | _        | ļ        | 69       | $\perp$   |             | _       | $\bot$  | _       | Д            |                     | _        | $\vdash$ |          | 119      |         | -       | ↓_      | ₩              | Ш               |  |          | -        |
|                 | 20       | _         | ┖               | L          | 4        | 1            | _ _          | 4        | 4        | _        | _        |          | 70       | 1   |             | _       | 4       |         |              |                     | _        | $\vdash$ | _        | 120      | _ _     | _       | +       | -              | Ш               | ⊢⊹   | -        | 4        |
|                 | 21       |           | <u> </u>        | Ļ          | 4-       | 4            | 4            | 4        | 4        | _        | _        | 1        | 71       | Ш   |             | _       | 4       | _       | <del> </del> |                     | _        | <u> </u> | _        | 121      | _       | +       | 4       | -              | Ш               | $\vdash \vdash$                                  |          | -        |
|                 | 22       | _         | <u> </u>        | ╀          | 4        | 4            | $\bot$       | $\bot$   | 4        | _        | _        |          | 72       | Ш   |             | _       | 4       | 4       |              | $\vdash$            | _        |          |          | 122      | +       | +       | ╀       | +              | L-I             | <del>                                     </del> | _        | 4        |
|                 | 23       |           | <u> </u>        | ┞          | 4        | ╀            | _            | 4        | $\perp$  | _        | _        |          | 73       |   |             | _ _     | 4       | _       | —            | $\sqcup$            | _        | $\vdash$ |          | 123      |         | $\bot$  | 1       | 1              | Щ               | ⊢  | $\dashv$ | 4        |
|                 | 24       | _         | ļ               | <u> </u>   | ┺        | 1            | 4            | 4        | _        | _        | 4        |          | 74       | Ш   | $\Box$      | $\perp$ | 4       | _       | ↓—           | $\vdash$            | 4        | $\vdash$ | _        | 124      | _       | _       | +       | _              |                 | ⊢  | $\dashv$ | 4        |
|                 | 25       | _         | <u> </u>        | Ļ          | 4        | $\bot$       | _            | 4        | _        | _        | _        |          | 75       | $\perp$   | _           | $\bot$  | _       | _       | —            | $\vdash$            | _        | <u> </u> |          | 125      | _       | _       | -       | 1              | <u> </u>        | <del>                                     </del> |          | 4        |
|                 | 26       | L         | <u> </u>        | <u> </u>   | 1        | 4            | 4            | 4        | 4        | _        | _        |          | 76       | 1   |             | _       | _       | _       | ₩            |                     | 4        | <u> </u> |          | 126      | -       | +       | +       | ╄              | <u> </u>        | ⊢  | +        | 4        |
| L               | 27       | _         | L               | 1          | 4_       | 4            | 4            | 4        |          | _        | _        |          | 77       |   |             | $\perp$ |         | _       | -            | $\vdash$            | _        | <u> </u> | _        | 127      |         | +       | -       | ╁              | <u> </u>        | $\vdash$   |          | 4        |
|                 | 28       | _         | _               | ╙          | 4        | 4            | 4            | 4        | 4        | _        | _        |          | 78       | 1   |             | 4       | 4       | _       | -            | $\sqcup$            | 4        | <u> </u> |          | 128      | +       | +       | +       | ₩              | <u> </u>        |  | $\dashv$ | 4        |
|                 | 29       | _         | _               | Ļ          | ļ        | 4            | 4            | 4        | _        | _        | _        |          | 79       |   |             | 4       | 4       | -       | 4            | $\sqcup$            | _        | <u> </u> |          | 129      | -       | +       | ┿-      | ┼              | Щ               | <del>                                     </del> | $\dashv$ | _        |
| $\sqcup$        | 30       | _         | L               | L          | 1        | 1            | $\perp$      | $\perp$  | _        | _        | _        | <u> </u> | 80       |   | $\Box$      | 4       | _       |         | $\perp$      | $\sqcup$            | $\dashv$ | _        |          | 130      | $\perp$ | $\perp$ | -       | <del> </del>   | Щ               | $\dashv$   | +        | $\dashv$ |
| $\sqcup$        | 31       | _         | 1_              | 1          | 1        | $\downarrow$ | $\perp$      |          | 4        | _        | _        |          | 81       | $\sqcup$  | $\sqcup$    | _       | 4       | +       | 4            | $\sqcup$            | _        | <u> </u> |          | 131      | $\perp$ | -       | +       | ┼              |                 | $\dashv$   | $\dashv$ | 4        |
| $\sqcup$        | 32       | _         | _               | 1          | 4        | $\perp$      | 4            | $\perp$  | $\perp$  |          | _        |          | 82       | $\sqcup$  |             | -       | $\perp$ | 4       | $\bot$       | $\sqcup$            | _        | _        |          | 132      |         | $\bot$  | 4       | <del> </del> _ | $\square$       | $\vdash \vdash$                                  | +        | 4        |
|                 | 33       | L         | L               | 1          | 4        | $\downarrow$ | $\perp$      | 4        | _        |          | _        | <u> </u> | 83       | $\perp$   | $\square$   |         | 4       | 4       | -            | $\sqcup$            | _        | <u> </u> | _        | 133      | $\perp$ | $\perp$ | 1       | ļ              | Щ               | $\vdash \vdash$                                  | +        | $\dashv$ |
|                 | 34       |           | <u> </u>        | 1          | _        | 4            | 4            | $\dashv$ | _        | $\perp$  | _        |          | 84       | $\perp$   | $\sqcup$    | $\perp$ | 4       | 4-      |              |                     | 4        | $\perp$  |          | 134      | $\perp$ | $\perp$ | $\perp$ | 1              |                 | $\vdash \vdash$                                  | +        | 4        |
|                 | 35       |           | $oxed{igspace}$ | L          | $\perp$  | 1            | _            | _        | $\perp$  | $\perp$  | _        | <b></b>  | 85       | $\sqcup$  |             | $\perp$ | _       | 4       | ļ            | $\sqcup$            | $\Box$   | $\perp$  |          | 135      | _       | 4       | $\perp$ | _              |                 | $\vdash \downarrow$                              |          | 4        |
|                 | 36       | L         | $\perp$         | L          | 4_       | 1            | $\perp$      | $\perp$  | _        | $\perp$  | $\dashv$ |          | 86       | Ш   | Ц           | $\perp$ | _       | $\perp$ | 1            | ᆜ                   | _        | L        | _        | 136      | _       | 4       | +-      | 4              | Щ               | $\sqcup$   | _        | $\dashv$ |
| <u></u>         | 37       | _         | L               | L          | 4        | $\perp$      | $\perp$      | $\perp$  | _        | $\perp$  | $\perp$  | <u> </u> | 87       | igspace   | $\sqcup$    | $\perp$ | $\bot$  | $\perp$ | ↓_           | $\sqcup$            | _        | L        |          | 137      | 4       | 4       | $\perp$ | 4              | ļ               | $\sqcup$   | _        | $\dashv$ |
| $\sqcup$        | 38       | <u> </u>  | 1               | L          | $\perp$  | 1            | $\perp$      | _        | 4        | $\dashv$ | _        | <u> </u> | 88       | ļ.,   |             | _       | _       | $\perp$ | ╄            | $\sqcup$            | $\dashv$ | $\perp$  | ļ        | 138      | $\perp$ | $\perp$ | _       | ļ              | <u> </u>        | $\vdash \vdash$                                  | +        | $\dashv$ |
| $\square$       | 39       | L         | L               | 1          | _        | $\perp$      | $\perp$      | _        | _        | _        | _        | <u> </u> | 89       | <u> </u>  | $\sqcup$    |         | _ _     | $\bot$  | 1            |                     | _        | <u> </u> |          | 139      | _       | +       | $\perp$ | 1              | <b> </b>        | $\vdash \downarrow$                              | $\dashv$ | $\dashv$ |
|                 | 40       | _         | L               | L          | $\perp$  | 1            | $\perp$      | _1       |          | _        | _        |          | 90       | $oxed{oxed}$  |             | $\perp$ | $\bot$  | _       | <del> </del> | $\sqcup$            | _        | L        |          | 140      | _       | 4       | $\bot$  | $\perp$        | ļ               | $\sqcup$   | _        | $\dashv$ |
| $\Box$          | 41       | L         | $\perp$         | $\perp$    | $\bot$   | $\perp$      | $\perp$      | 4        | _        | _        | _        | L        | 91       | $oxed{oxed}$  | Ш           | $\perp$ | $\perp$ | 4       | <u> </u>     | $\sqcup$            | _        | L.       |          | 141      | _       | _       | $\perp$ | $\perp$        | Ш               | $\sqcup$   | $\dashv$ | ┙        |
|                 | 42       | L.        |                 | $\perp$    | $\perp$  | $\perp$      | $\perp$      | 4        | _        | $\perp$  | _        |          | 92       | $\perp$   | Ш           |         | $\bot$  | 4_      | $\bot$       | Ш                   | $\perp$  | L        |          | 142      | _       | 4       | $\perp$ | 1              | Ш               | Ш  | $\dashv$ | _        |
|                 | 43       | L         | L               | <u> </u> _ |          | $\perp$      | $\perp$      | $\perp$  | _        | $\perp$  | _        | <u></u>  | 93       | ↓_  | $\sqcup$    | _       | $\perp$ | _       | _            | $\sqcup$            | Ц        | L        |          | 143      | _       | $\perp$ | 1_      | ļ              | L               | Ш  | _        | ┙        |
|                 | 44       | L         | $\perp$         | L          | 丄        | 1            | $\downarrow$ | $\perp$  | _        | $\perp$  | $\Box$   |          | 94       | 1_  | Ш           | $\perp$ |         | $\perp$ | $\perp$      |                     | _        | Ļ        |          | 144      | $\perp$ | $\perp$ | 4_      | $\bot$         | L.              | $\sqcup$   | _        | $\dashv$ |
|                 | 45       |           |                 | $\perp$    | $\perp$  | 1            |              | $\perp$  | _        | $\perp$  | $\dashv$ | <u></u>  | 95       | <u> </u>  | Ш           | $\perp$ | $\bot$  |         | 1_           | $\sqcup$            | _        | L        |          | 145      |         |         | 1       | 1              | Ш               | $\sqcup$   | 4        | _        |
|                 | 46       | _         | L               | L          | $\bot$   | $\perp$      | _ _          | $\perp$  |          | $\perp$  | $\Box$   |          | 96       | $oldsymbol{ol}}}}}}}}}}}}}}}}}$ | Ш           |         | $\bot$  | $\perp$ | 1            | $\sqcup \downarrow$ | _        | L        |          | 146      |         | $\perp$ | $\bot$  | 4_             | <u> </u>        | Щ  | $\dashv$ | $\dashv$ |
|                 | 47       | L         |                 | L          | 1        | $\perp$      | $\downarrow$ |          |          | $\dashv$ | $\Box$   |          | 97       | <u> </u>  | L           |         | $\bot$  | $\perp$ | _            | $\sqcup$            | Ц        | L        |          | 147      | $\perp$ | $\bot$  | $\bot$  | ↓_             | <u> </u>        | Ш  | $\dashv$ | $\perp$  |
|                 | 48       | L         | L               | L          | L        | $\perp$      | $\perp$      | $\perp$  | _        | _        | _        |          | 98       | L   | Ш           | _       | $\perp$ |         | _            | $\sqcup$            |          | L        | _        | 148      | _       | $\perp$ | $\bot$  | 1_             | <u> </u>        | Ц  |          | $\Box$   |
|                 | 49       | L         | 上               | $\perp$    | $\bot$   | ↓            | $\perp$      | $\perp$  | _        | $\perp$  | $\dashv$ |          | 99       | <u> </u>  | Ш           | $\perp$ | _       |         | $\perp$      |                     |          |          |          | 149      |         | $\perp$ | $\perp$ | $\downarrow$   | <u> </u>        | Ш  | $\dashv$ | ╝        |
| $\Box$          | 50       |           |                 |            |          |              | -            |          |          | 1        |          | 1        | 100      |   |             | - 1     |         | - 1     |              |                     |          |          |          | 150      |         |         | -       | 1              |                 | 1  |          |          |